

Product Data Management Functional Coordinating Group

VENUS Conference
4 May 99

Purpose of 4 May 99 VENUS Conference

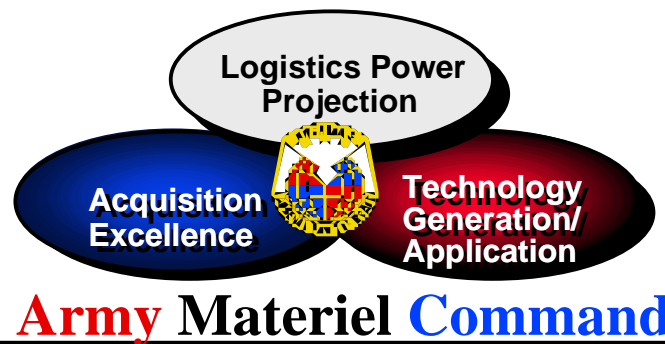
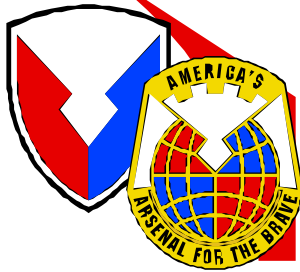
- Reach consensus on the Processes for obtaining:
 - AIB approved ADCS Project Evaluation Guide
 - FCG Prioritized ADCS Project Package
- Reach agreement in principle on:
 - measurement base (9,3,1,0,-3)
 - Project Evaluation Criteria

Proposed Agenda

4 May 99 VENUS Conference

- Topic (speaker) (time allowed):
 - Introduction (Ney) (10 min)
 - Role of LIA in the ADCS Program and MOU with OSD (Halloran) (5 min)
 - Status of FY 99 ADCS funding and current efforts (Behrens) (10 min)
 - Status of ADCS requirements data call (Simmons) (5 min)
 - ADCS project evaluation and prioritization process and project evaluation criteria (Simmons) (up to 60 min)

Army Materiel Command



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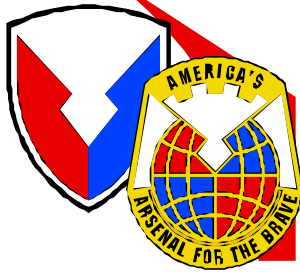
Prepared By:



L. Simmons,

Systems And Solutions, Inc

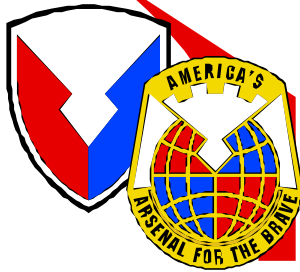
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ARMY ADCS 2000 Project Evaluation Guide



- **Purpose**
- **Evaluation Procedures**
- **Project Evaluation Measurement Base/Weighting Factors**
- **Detailed Project Criteria Review**

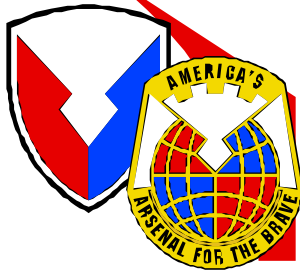


ARMY ADCS 2000 Project Evaluation Guide



Purpose:

- The **ARMY ADCS 2000 Project Evaluation Guide** provides project evaluation procedures and evaluation guidance to determine likely projects to be funded during the FY00-FY05 POM cycle
- It's aim is to provide a rational basis for identifying and selecting the projects that will provide highest value return to the Army

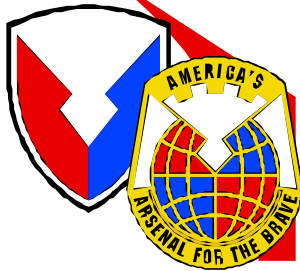


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Evaluation Procedures:

- ADCS projects are to be submitted for review by 15 June 1999
- Projects will be submitted in digital form to a ADCS projects submission mailbox ADCS@ADCS-Survey.COM by 15 June
- Submitted projects will be consolidated into a single package and emailed to each PDM/FCG member by 1 July

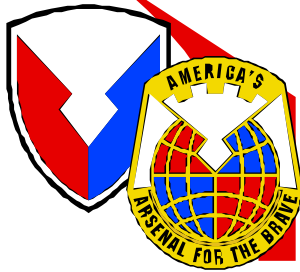


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Evaluation Procedures (Continued):

- The period from 1 July to 12 July will be deemed the reconciliation/clarification period
 - PDM/FCG member review the each project submitted and will have three days to prepare a request for clarification of any unclear issue
 - Project submitters will have three days to provide responses. All requests for clarification and associated responses will be made available to the full PDM/FCG as they are received
- PDM/FCG members will evaluate each project submitted against the 10 criteria items and assign a ranking of 9, 3, 1, 0, or -3 for each criteria
 - A password protected web site will be developed to facilitate assignment of rankings and collection of the resulting data. At a minimum, the web site will identify each project submitted and provide a response form for each for assigning a value for each criteria.

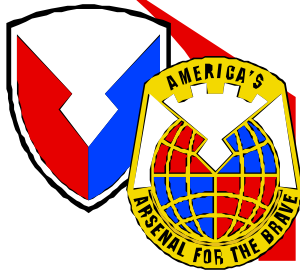


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Evaluation Procedures (Continued):

- PDM/FCG members will have from 12 July through 15 July to log into the web site and enter their evaluations
- Passwords will be provided to FCG/PDM members along with the consolidated project submission package
- After entry of the evaluations into the web site by PDM/FCG members, a consolidated set of scores will be prepared, based on the metrics and weighting factors defined later
- The scores developed will represent the initial PDM/FCG project prioritization baseline.

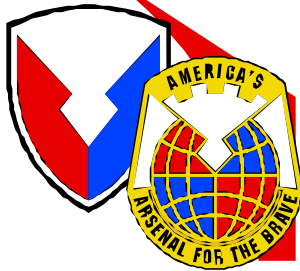


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Evaluation Procedures (Continued):

- Evaluation Conference:
 - The scores of each project will be reviewed in detail at a review conference to be held on the week 19 July
 - Discussions will be conducted to assure uniformity of understanding and consistent application of the project evaluation measurement base
 - A complete tracking of any changes will be captured and forwarded to the AIB with the prioritized projects
- Final priorities assigned will represent the final PDM/FCG project prioritization baseline.
- This baseline will be forwarded by the PDM/FCG chairman to the AIB as the formal PDM/FCG ADCS project approval recommendation

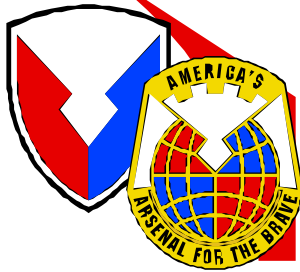


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General Project Evaluation Measurement Base

- The current measurement base of choice is the -3, 0, 1, 3, and 9 basis wherein -3 is bad, 0 means no relationship, 1 is so-so, 3 is good, and 9 is great
 - If a given project has a strong relationship to the criteria denoting a near 100% correlation then the project will be given a relationship rating of 9 – strong positive relationship score
 - If the project has a moderate relationship to the criteria then the project will be given a 3 - moderate relationship score
 - If the project has only a weak relationship to the criteria then the project will be given a 1 – weak relationship score
 - If the project has no relationship to the criteria then the project will be given a 0 - no relationship score
 - And finally if any project reflects a negative relationship to the criteria, it shall be given a minus 3 relationship score

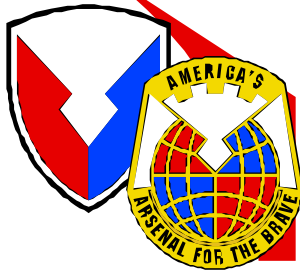


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Criteria Weighting:

- Weighting of the criteria is another element of evaluation that can help in decision making.
- Weighting of the evaluation criteria conceptually reflects the fact that some criteria may be more important to Army or DoD goals than other criteria.
- Weighting however, unlike the measurement base is typically a straight-line determination of value based on representation percentages with each criterion being assigned some percentage of 100.
 - Given 10 criteria elements, the baseline starts with each criteria being assigned a 10 (total for all criteria divided by the number of criteria) ($100/10=10$). This baseline is then modified based on importance to goals established for the overall ADCS project



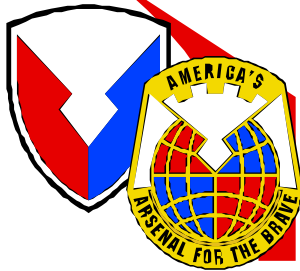
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Evaluation Criteria

1. Executability: How executable is the requirement based on the following:

- ◆ contracting strategy
- ◆ conversion schedule
- ◆ conversion validation plan
- ◆ validation resources



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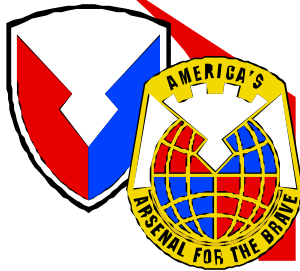


Evaluation Criteria

1. Executability:

Projects given a 9 should possess the following characteristics:

- Contracting strategy is identified.
- **Contract strategy relies on use of existing competitive vehicle.**
- Timeframes for contracting are **adequate** given the strategy selected and includes slack time for unforeseen challenges.
- Validation Schedule Is **Achievable/Viable**: Sufficient personnel resources are identified to support the validation schedule. Additionally, as a general guide, if a conversion project uses in-house resources for validation, approximately 20% of the total project-funding request should be identified for validation. If outsourcing the validation is planned, 30% or greater of the project resources should be identified for validation.
- Funding requirement requested **reasonable** for the level of effort required – for bulk conversion projects, unless specific rationale is provided for deviation, historical values should be used for conversion estimation.



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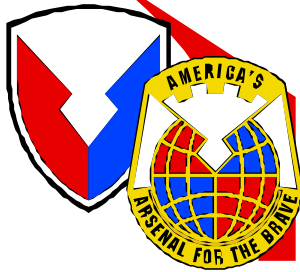


Evaluation Criteria

1. Executability:

Projects given a 3 should possess the following characteristics:

- Contracting strategy is identified **(New Competitive Vehicle Required)**.
- Timeframes for contracting are **adequate** given the strategy selected and includes slack time for unforeseen challenges i.e. if a full an open competition strategy is anticipate, sufficient time should be allotted for Solicitation Development, CBD announcement, Proposal Submittals, Proposal Evaluation and Project Award. It should reflect standard time frames for full and open competitions.
- Validation Schedule Is **Achievable/Viable**: Sufficient personnel resources are identified to support the validation schedule. Additionally, as a general guide, if a conversion project uses in-house resources for validation, approximately 20% of the total project-funding request should be identified for validation. If outsourcing the validation is planned, 30% or greater of the project resources should be identified for validation.
- Funding requirement requested **reasonable** for the level of effort required – for bulk conversion projects, unless specific rationale is provided for deviation, historical values should be used for conversion estimation.



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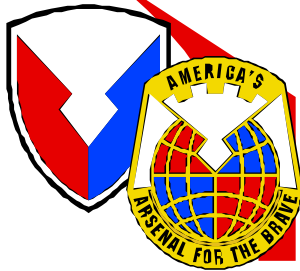


Evaluation Criteria

1. Executability:

Projects given a 1 should possess the following characteristics:

- Contracting strategy is identified.
- Timeframes for contracting **are adequate** given the strategy selected but **does not** include slack time for unforeseen challenges i.e. if a full and open competition strategy is anticipated, sufficient time should be allotted for Solicitation Development, CBD announcement, Proposal Submittals, Proposal Evaluation and Project Award. It may not reflect standard time frames for full and open competitions.
- Validation Schedule Contains **High Risk**: Insufficient personnel resources have been identified to support the validation schedule.
- Funding requirement requested **reasonable** for the level of effort required – for bulk conversion projects, unless specific rationale is provided for deviation, historical values should be used for conversion estimation.



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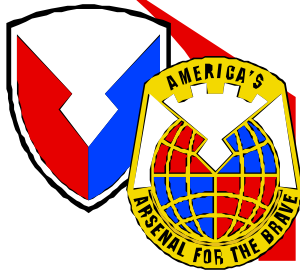


Evaluation Criteria

1. Executability:

Projects given a 0 should possess the following characteristics:

- Contracting strategy is identified.
- Timeframes for contracting **may be inadequate** given the strategy selected as it does not include slack time for unforeseen challenges i.e. if a full an open competition strategy is anticipate, sufficient time should be allotted for Solicitation Development, CBD announcement, Proposal Submittals, Proposal Evaluation and Project Award. It may not reflect standard time frames for full and open competitions.
- Validation Schedule Contains **High Risk**: Insufficient personnel resources have been identified to support the validation schedule.
- Funding requirement requested may **not be reasonable** for the level of effort required for bulk conversion projects, historical values for data conversion not used and no rationale is provided for deviation.



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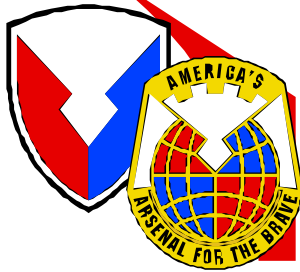


Evaluation Criteria

1. Executability:

Projects given a -3 should possess the following characteristics:

- **No** Contracting strategy is identified.
- **No** Validation Schedule.
- Funding requirement requested is **inadequate**.



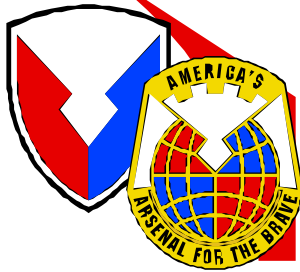
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Evaluation Criteria

2. Business Case/ROI/TOC/ALT-PLT Reduction: Does the planned use of ADCS conversion resources result in a decrease in weapon system ownership costs due to:

- ◆ reductions in engineering change processing costs,
- ◆ reductions in to costs to create follow-on technical data products developed or modified based on the use of engineering data
- ◆ reductions in engineering data storage costs
- ◆ reductions in re-procurement costs (Administrative Lead Time)
- ◆ reductions in component or end item manufacturing costs (Production Lead Time or Product Unit Costs)



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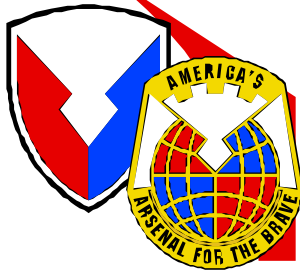


Evaluation Criteria

2. Business Case/ROI/TOC/ALT-PLT Reduction:

Projects given a 9 should possess the following characteristics:

- Project includes a discussion of the business case that confirms the requirement and **quantifies** the value to the Army in real, project/weapon system specific terms.
- Project **includes** a cost/benefits analysis supported by backup spreadsheets available for review.
- Project shows a return on investment greater than **5 to 1 over a 20** year timeframe and reflects a Total Ownership Cost reduction for the weapons platform the project supports



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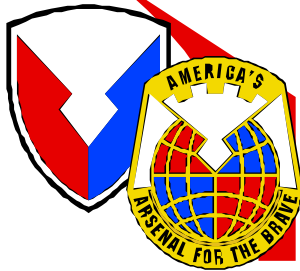


Evaluation Criteria

2. Business Case/ROI/TOC/ALT-PLT Reduction:

Projects given a 3 should possess the following characteristics:

- Project **includes** a discussion of the business case that confirms the requirement and **quantifies** the value to the Army in real, project/weapon system specific terms.
- Project **includes** a cost/benefits analysis supported by backup spreadsheets available for review.
- Project shows a return on investment greater than **3 to 1** over a **20 year** timeframe and reflects a Total Ownership Cost reduction for the weapons platform/CE effort the project supports.



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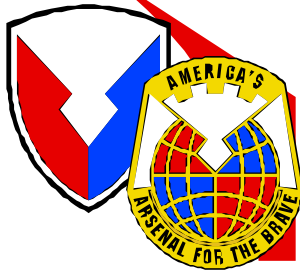


Evaluation Criteria

2. Business Case/ROI/TOC/ALT-PLT Reduction:

Projects given a 1 should possess the following characteristics:

- Project **includes** a discussion of the business case that confirms the requirement and **quantifies** the value to the Army in real, project/weapon system specific terms.
- Project **does not** include a cost/benefits analysis supported by backup spreadsheets available for review.
- Project shows a return on investment greater than **3 to 1 over a 20 year** timeframe and provides **only a qualitative** discussion of Total Ownership Cost reduction for the weapons platform CE effort the project supports.



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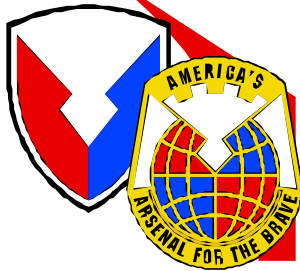


Evaluation Criteria

2. Business Case/ROI/TOC/ALT-PLT Reduction:

Projects given a 0 should possess the following characteristics:

- Project **includes** a discussion of the business case that confirms the requirement and quantifies the value to the Army in real project specific terms.
- Project **does not** include a cost/benefits analysis supported by backup spreadsheets available for review.
- Project **does not** define a return on investment **or** Total Ownership Cost reduction for the weapons platform the project supports.



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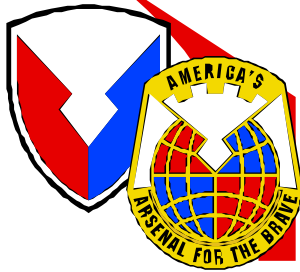


Evaluation Criteria

2. Business Case/ROI/TOC/ALT-PLT Reduction:

Projects given a -3 should possess the following characteristics:

- Project **does not** include a discussion of the business case that confirms the requirement and quantifies the value to the Army in real project specific terms.
- Project **does not** include a cost/benefits analysis supported by backup spreadsheets available for review.
- Project **does not** define a return on investment and **does not** reflect/detail a Total Ownership Cost reduction for the weapons platform the project supports



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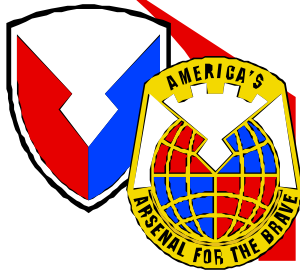


Evaluation Criteria

3. Follow-on Efforts past performance: Previously ADCS funded programs with acceptable past performance

Projects given a 9 should possess the following characteristics:

- Project was fully successful and **exceeded** previous year conversion goals in terms of quantity of drawings converted and cost of conversion.
- Project supports ADCS business case and impacted program **has** provided specific metrics based on their experience with the use of the converted data.



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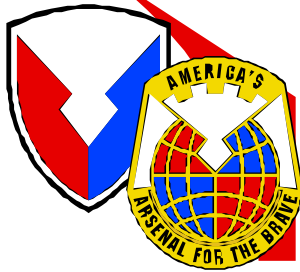


Evaluation Criteria

3. Follow-on Efforts past performance: Previously ADCS funded programs with acceptable past performance

Projects given a 3 should possess the following characteristics:

- Project was **successful** in achieving previous year conversion goals in terms of quantity of drawings converted and cost of conversion.
- Project supports ADCS business case and impacted program **has** provided specific metrics based on their experience with the use of the converted data.



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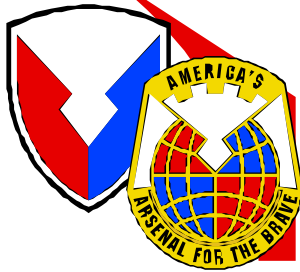


Evaluation Criteria

3. Follow-on Efforts past performance: Previously ADCS funded programs with acceptable past performance

Projects given a 1 should possess the following characteristics:

- Project was **partially successful** in achieving previous year conversion goals in terms of quantity of drawings converted and cost of conversion. Converted better than **80%** of previous year conversion goals at no increase in funding.
- Project supports ADCS business case and impacted program **but has not** provided specific metrics based on their experience with the use of the converted data.



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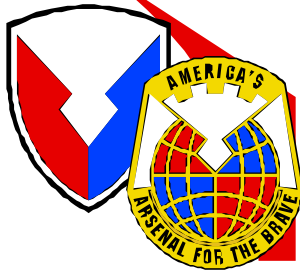


Evaluation Criteria

3. Follow-on Efforts past performance: Previously ADCS funded programs with acceptable past performance

Projects given a 0 should possess the following characteristics:

- Project was partially successful in achieving previous year conversion goals in terms of quantity of drawings converted and cost of conversion. Converted between **60 and 80%** of previous year conversion goals at no increase in funding.
- Project supports ADCS business case and impacted program **but has not** provided specific metrics based on their experience with the use of the converted data.



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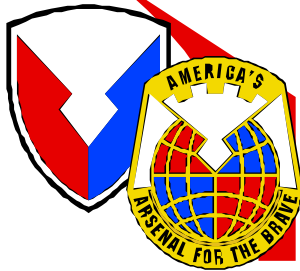


Evaluation Criteria

3. Follow-on Efforts past performance: Previously ADCS funded programs with acceptable past performance

Projects given a -3 should possess the following characteristics:

- Project was not successful in achieving previous year conversion goals in terms of quantity of drawings converted and cost of conversion. Converted between **40 and 60%** of previous year conversion goals at no increase in funding.
- Project supports ADCS business case and impacted program **but has not** provided specific metrics based on their experience with the use of the converted data.



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Evaluation Criteria

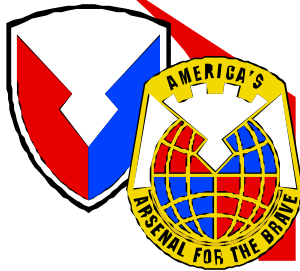
4. Out Of Production/Service Life Extension System with > 10Yr Rmng Life: Weapons Programs or Civil Engineering Projects that have an estimated remaining service life of ten years or greater.

Projects given a 9 should possess the following characteristics:

- Project supports out of production weapon system/fully completed CE development with greater than **20 years** estimated remaining life.

Projects given a 3 should possess the following characteristics:

- Project supports out of production weapon system/fully completed CE development with greater than **15 years but less than 20** years estimated remaining life.



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Evaluation Criteria

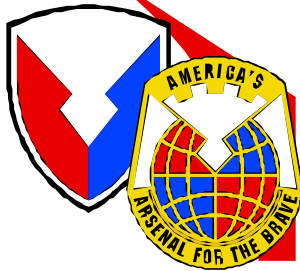
4. Out Of Production/Service Life Extension System with > 10Yr Rmng Life: Weapons Programs or Civil Engineering Projects that have an estimated remaining service life of ten years or greater.

Projects given a 1 should possess the following characteristics:

- Project supports out of production weapon system/fully completed CE development with greater than **10 years but less than 15** years estimated remaining life.

Projects given a 0 should possess the following characteristics:

- Project supports **production** weapon system/fully completed CE development with **greater than 10 years** remaining life, and **no other resources** for conversion available.



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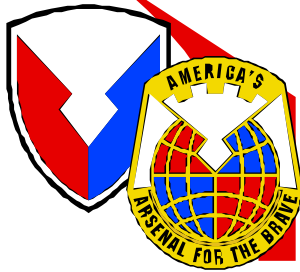


Evaluation Criteria

4. Out Of Production/Service Life Extension System with > 10Yr Rmng Life: Weapons Programs or Civil Engineering Projects that have an estimated remaining service life of ten years or greater.

Projects given a -3 should possess the following characteristics:

- Project supports a production weapon system/On going CE development effort, **other resources available.**



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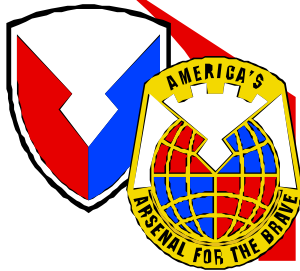


Evaluation Criteria

5. **Data Support For Smart Enterprise Model SBA Concept:** Project includes requirement for Conversion of raster or 2D vector orthogonal view to 3D CAD data using STEP or other neutral format. Project submission may be a pilot effort but must include plans for incorporation of resulting data into organizational business processes.

Projects given a 9 should possess the following characteristics:

- Project **requires** conversion of data into a 2D vector orthogonal, native CAD and STEP Compliant 3D model.
- Project includes **requirements** for business process changes to fully utilize 3D model for design analysis, CM, production procurement and logistics.
- Project is a **production** implementation.



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Evaluation Criteria

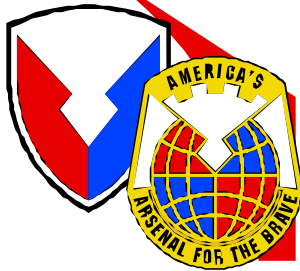
5. Data Support For Smart Enterprise Model SBA Concept:

Projects given a 3 should possess the following characteristics:

- Project **requires** conversion of data into a 2D vector orthogonal, **native CAD and STEP** Compliant 3D model.
- Project includes **plans** for business process changes to fully utilize 3D model for design analysis, CM, production, procurement **and** logistics.
- Project is a **demonstration or pilot** implementation.

Projects given a 1 should possess the following characteristics:

- Project **requires** conversion of data into a 2D vector orthogonal, **native CAD and STEP** Compliant 3D model.
- Project includes **plans** for business process changes to utilize 3D model for design analysis, CM, production, procurement **or** logistics.
- Project is a **demonstration or pilot** implementation.



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Evaluation Criteria

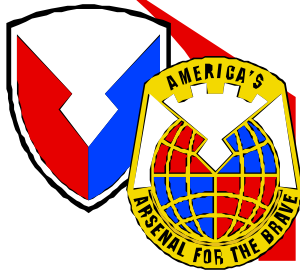
5. Data Support For Smart Enterprise Model SBA Concept:

Projects given a 0 should possess the following characteristics:

- Project **requires** conversion of data into a 2D vector orthogonal, **native CAD and STEP** Compliant 3D model.
- Project includes **does not include plans** for business process changes to utilize 3D model for design analysis, CM, production, procurement **or** logistics.

Projects given a -3 should possess the following characteristics:

- Project **requires** conversion of data into a 2D vector orthogonal, **native and proprietary** CAD 3D model only.



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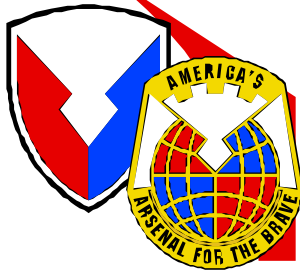


Evaluation Criteria

6. Multi-Service Project: Project must meet the needs of more than one service, may be infrastructurally oriented or a joint use weapon with both services requiring the data in CAD format.

Projects given a 9 should possess the following characteristics:

- Joint infrastructure project with **4** or more services/components participating (Army, Navy, Air Force, Marines, or DLA), or
- Joint use platform with **4** or more services/components requiring data in CAD format.



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Evaluation Criteria

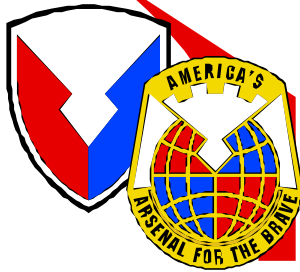
6. Multi-Service Project:

Projects given a 3 should possess the following characteristics:

- Joint infrastructure project with **3** services/components participating;
or
- Joint use platform with **3** or more services/components requiring data in CAD format.

Projects given a 1 should possess the following characteristics:

- Joint infrastructure project with **2** services/components participating;
or
- Joint use platform with **2** or more services/components requiring data in CAD format.



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Evaluation Criteria

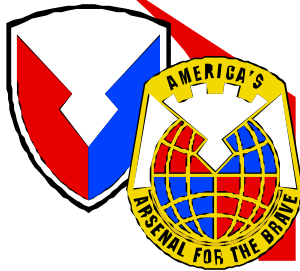
6. Multi-Service Project:

Projects given a 0 should possess the following characteristics:

- **Not** a Joint infrastructure project; or
- **Not** a Joint use platform (**Project Not Multi-Service**)

Projects given a -3 should possess the following characteristics:

- **Army only** infrastructure project.



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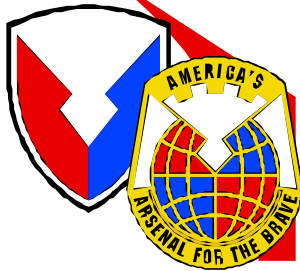
Evaluation Criteria

7. Number of Procurement Actions/Sustainment Activity:
Projected number of planned procurement actions on the data to be converted over a five year period of time.

**Includes considerations for the amount of competition/
break-out experienced on the components to be
converted.**

**Also to be considered is the current storage medium for
the data (paper vs digital).**

**A preference may be given for projects converting paper
to CAD on components with moderate to high re-
procurement actions over a five-year period.**



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Evaluation Criteria

7. Number of Procurement Actions/Sustainment Activity:

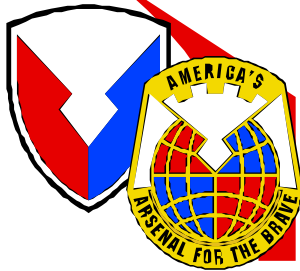
Projects given a 9 should possess the following characteristics:

- **Option A:**

- Using the formula “number of spares and major item procurements” X “number of drawings per procurement” / “number of drawings converted”
- where Each spare/major item counts as one procurement
 - » example: 500 proc *15 drawings per =7500/10000 sheets=.75,
- a ranking in the Top XXpercentile or

- **Option B:**

- **50** or more planned procurements of spares and major end items over the next five years as evidenced by five-year history.
- A recent (within three years) product improvement incorporated or new product improvement planned **and funded**.



ARMY ADCS 2000 Project Evaluation Guide



Evaluation Criteria

7. Number of Procurement Actions/Sustainment Activity:

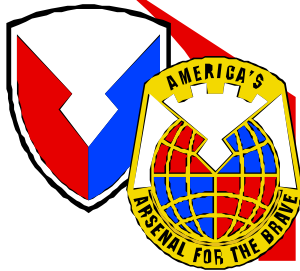
Projects given a 3 should possess the following characteristics:

- **Option A:**

- Using the formula “number of spares and major item procurements” X “number of drawings per procurement” / “number of drawings converted”
- where Each spare/major item counts as one procurement
 - » example: 400 proc *15 drawings per =6000/10000 sheets=.60,
- a ranking in the Top **XX** percentile or

- **Option B:**

- **25 but less than 50** or more planned procurements of spares and major end items over the next five years as evidenced by five-year history.
- A recent (within three years) product improvement incorporated or new product improvement planned **and funded**.



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Evaluation Criteria

7. Number of Procurement Actions/Sustainment Activity:

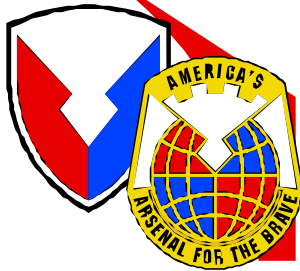
Projects given a 1 should possess the following characteristics:

- **Option A:**

- Using the formula “number of spares and major item procurements” X “number of drawings per procurement” / “number of drawings converted”
- where Each spare/major item counts as one procurement
 - » example: 300 proc *15 drawings per =4500/10000 sheets=.45,
- a ranking in the Top **XX** percentile or

- **Option B:**

- **15 but less than 25** or more planned procurements of spares and major end items over the next five years as evidenced by five-year history.
- A recent (within three years) product improvement incorporated or new product improvement planned **but not funded**.



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Evaluation Criteria

7. Number of Procurement Actions/Sustainment Activity:

Projects given a 0 should possess the following characteristics:

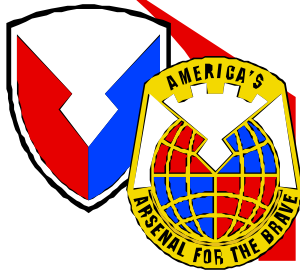
- **Option A:**

- Using the formula “number of spares and major item procurements” X “number of drawings per procurement” / “number of drawings converted”
- where Each spare/major item counts as one procurement
 - » example: 200 proc *15 drawings per =3000/10000 sheets=.30,
- a ranking in the Top **XX** percentile or

- **Option B:**

- **5 or more but less than 15** or more planned procurements of spares and major end items over the next five years as evidenced by five-year history.

- **no recent product improvement incorporated or planned.**



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Evaluation Criteria

7. Number of Procurement Actions/Sustainment Activity:

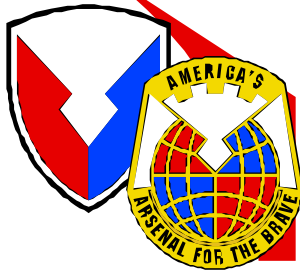
Projects given a -3 should possess the following characteristics:

- **Option A:**

- Using the formula “number of spares and major item procurements” X “number of drawings per procurement” / “number of drawings converted”
- where Each spare/major item counts as one procurement
 - » example: 100 proc *15 drawings per =1500/10000 sheets=.15,
- a ranking in the Top **XX** percentile or

- **Option B:**

- **Less than 5** more planned procurements of spares and major end items over the next five years as evidenced by five-year history with **no recent or planned Product Improvement Program.**



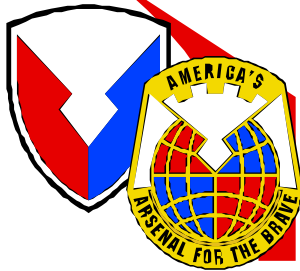
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Evaluation Criteria

8. Number of Changes Expected (Major Mods, Retrofits, ECP History, ETC):

Projected number of planned or projected component modification/change actions requiring updates to configuration and product data over a five year period of time as evidenced by 5 year history or other supportable projection rationale such as product improvements planned and funded.



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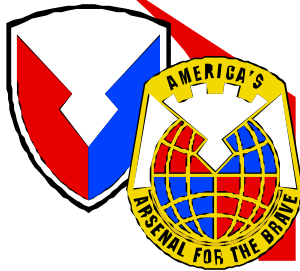


Evaluation Criteria

8. Number of Changes Expected (Major Mods, Retrofits, ECP History, ETC):

Projects given a 9 should possess the following characteristics:

- Option A:
 - Using the formula “number of ECPs” X “number of drawings per ECP” / “number of drawings converted” example: Number of Class I ECPs
 - » example: 50 ECPs * 15 drawings per ECP = 750/10000=.075,
 - a ranking in the Top **XX** percentile or
- Option B:
 - **50 or more** Class I ECPs/Major Mods over the next five years as evidenced by five-year history.



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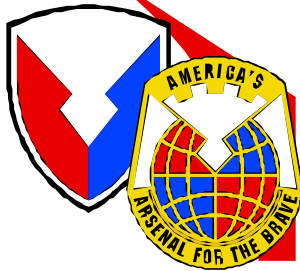


Evaluation Criteria

8. Number of Changes Expected (Major Mods, Retrofits, ECP History, ETC):

Projects given a 3 should possess the following characteristics:

- Option A:
 - Using the formula “number of ECPs” X “number of drawings per ECP” / “number of drawings converted” example: Number of Class I ECPs
 - » example: 40 ECPs * 15 drawings per ECP = 600/10000=.060,
 - a ranking in the Top **XX** percentile or
- Option B:
 - **25 or more but less than 50** Class I ECPs/Major Mods over the next five years as evidenced by five-year history.



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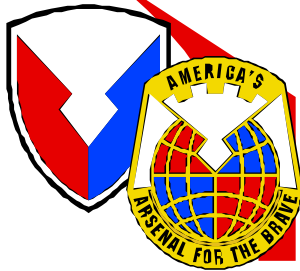


Evaluation Criteria

8. Number of Changes Expected (Major Mods, Retrofits, ECP History, ETC):

Projects given a 1 should possess the following characteristics:

- Option A:
 - Using the formula “number of ECPs” X “number of drawings per ECP” / “number of drawings converted” example: Number of Class I ECPs
 - » example: 20 ECPs * 15 drawings per ECP = 300/10000=.030,
 - a ranking in the Top **XX** percentile or
- Option B:
 - **15 or more but less than 25** Class I ECPs/Major Mods over the next five years as evidenced by five-year history.



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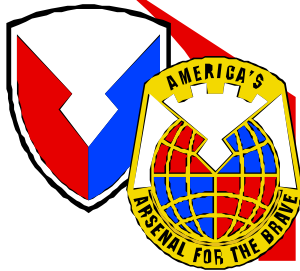


Evaluation Criteria

8. Number of Changes Expected (Major Mods, Retrofits, ECP History, ETC):

Projects given a 0 should possess the following characteristics:

- Option A:
 - Using the formula “number of ECPs” X “number of drawings per ECP” / “number of drawings converted” example: Number of Class I ECPs
 - » example: 10 ECPs * 15 drawings per ECP = 150/10000=.015,
 - a ranking in the Top XX percentile or
- Option B:
 - **5 or more but less than 15** Class I ECPs/Major Mods over the next five years as evidenced by five-year history.



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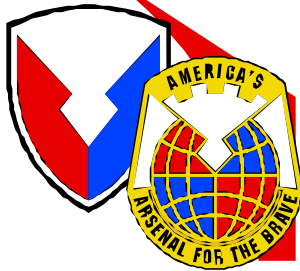


Evaluation Criteria

8. Number of Changes Expected (Major Mods, Retrofits, ECP History, ETC):

Projects given a -3 should possess the following characteristics:

- Option A:
 - Using the formula “number of ECPs” X “number of drawings per ECP” / “number of drawings converted” example: Number of Class I ECPs
 - » example: 4 ECPs * 15 drawings per ECP = 60/10000=.006,
 - a ranking in the Top **XX** percentile or
- Option B:
 - **Less than 5** Class I ECPs/Major Mods over the next five years as evidenced by five-year history.



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Evaluation Criteria

9. Army DA Authenticated Prioritization List: The DA's list of weapon systems prioritized based on importance to the Army mission.

Projects given a 9 should possess the following characteristics:

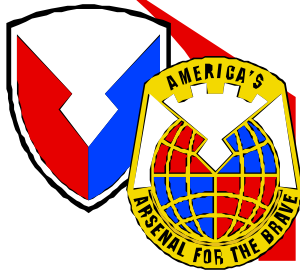
- Projects for weapons platforms with a priority **10** or lower on the Army DA Authenticated Prioritization List.

Projects given a 3 should possess the following characteristics:

- Projects for weapons platforms with a priority **20** or lower but greater than 10 on the Army DA Authenticated Prioritization List.

Projects given a 1 should possess the following characteristics:

- Projects for weapons platforms with a priority **50** or lower but greater than 20 on the Army DA Authenticated Prioritization List.



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Evaluation Criteria

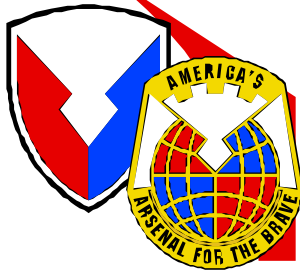
9. Army DA Authenticated Prioritization List: The DA's list of weapon systems prioritized based on importance to the Army mission.

Projects given a 0 should possess the following characteristics:

- Projects for weapons platforms with a priority **100** or lower but greater than 50 on the Army DA Authenticated Prioritization List.

Projects given a -3 should possess the following characteristics:

- Projects for weapons platforms with a priority greater than **101** on the Army DA Authenticated Prioritization List.



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Evaluation Criteria

10. MSC CDRs Priority: Major system command identification of project priority.

Projects given a 9 should possess the following characteristics:

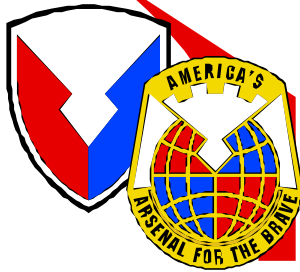
- Projects for weapons platforms with a priority **1** assigned by the MSC CDR.

Projects given a 3 should possess the following characteristics:

- Projects for weapons platforms with a priority **2** assigned by the MSC CDR.

Projects given a 1 should possess the following characteristics:

- Projects for weapons platforms with a priority **3** assigned by the MSC CDR.



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Evaluation Criteria

10. MSC CDRs Priority: Major system command identification of project priority.

Projects given a 0 should possess the following characteristics:

- Projects for weapons platforms with a priority **4** assigned by the MSC CDR.

Projects given a -3 should possess the following characteristics:

- Projects for weapons platforms with a priority **5 or greater** assigned by the MSC CDR.

Process - ADCS Project Evaluation Guide

- Editorial comments submitted by COB 7 May
- Submit weighting factors by COB 7 May
- Revised guide forwarded by COB 13 May
- Use forum (www-iea.ria.army.mil/ai/eng_data) for discussion of issues. Discussion in the forum will end on COB 18 May
- Editorial comments submitted by COB 18 May.
- Final Project Evaluation Guide distributed by COB 21 May
- By 27 May, I need to know whether you can live with the process, criteria, etc. contained in the guide
- If I don't hear from you, I will assume that you can live with it